

Applicant : Brian Maxson
Appl. No. : 10/817,272
Examiner : Trang U. Tran
Docket No. : 705397.4010

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1 – 21. (Withdrawn)

22. (Currently amended) A projection system comprising,

a screen,

a projection unit separate from and optically coupled to the screen,

wherein the projection unit is operatively connected to a projection television cabinet,

a plurality of beacon dots positioned about the periphery of the screen,

a detection system optically coupled to the screen and the plurality of
beacon dots, and

a deflection shaping system operably coupled to the projection unit and
the detection system.

23. (Original) The projection system of claim 22 wherein the detection
system includes a photocell and a lens coupled to the photocell.

24. (Original) The projection system of claim 23 wherein the lens is a
fish eye lens.

25. (Original) The projection system of claim 23 wherein the lens is an
insect eye lens.

26. (Original) The projection system of claim 22 wherein the detection
system comprises an optical element and a detector element comprising an array of

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photodetectors, the optical element being adapted to map a plurality of regions of measurement (ROMs) onto the detector element.

27. (Original) The projection system of claim 26 wherein the optical element comprises an array of lenses.

28. (Original) The projection system of claim 27 wherein the lenses are convex and hexagonal.

29. (Original) The projection system of claim 27 wherein the lenses are Fresnel lenses.

30. (Original) The projection system of claim 26 wherein the optical element comprises a hologram.

31 – 43. (Withdrawn)

44. (Previously presented) The projection system of claim 22 wherein the deflection shaping system further comprises deflection shaping circuitry used to maneuver a CRT beam.

45. (Previously presented) The projection system of claim 22 wherein the deflection shaping system further comprises at least one positioning device operatively connected to said projection unit.